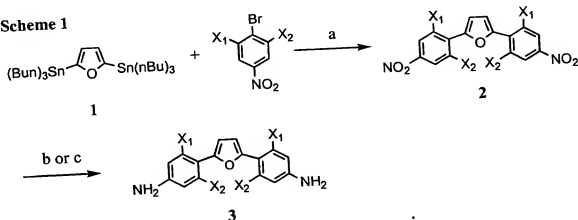
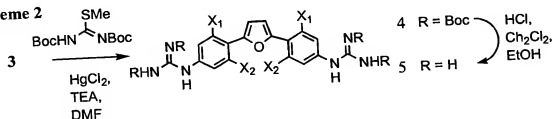


Scheme 1

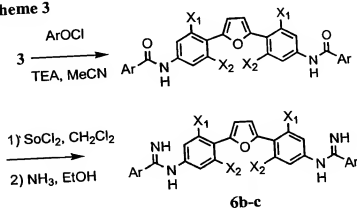


a) $\text{Pd}(\text{PPh}_3)_4$, 1,4-dioxane, Δ . b) H_2 , Pd/C , EtOAc, EtOH.
c) SnCl_2 dihydrate, EtOH, DMSO, Δ .

Scheme 2



Scheme 3



Legend for compounds 2-5
a $\text{X}_1 = \text{H}$, $\text{X}_2 = \text{H}$
b $\text{X}_1 = \text{Me}$, $\text{X}_2 = \text{H}$
c $\text{X}_1 = \text{OMe}$, $\text{X}_2 = \text{H}$
d $\text{X}_1 = \text{Cl}$, $\text{X}_2 = \text{H}$
e $\text{X}_1 = \text{CF}_3$, $\text{X}_2 = \text{H}$
f $\text{X}_1 = \text{Me}$, $\text{X}_2 = \text{Me}$
See Table 1 for compound 6

Scheme 4

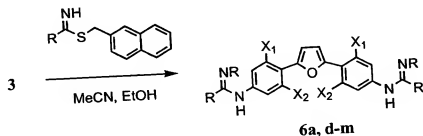


FIG. 1